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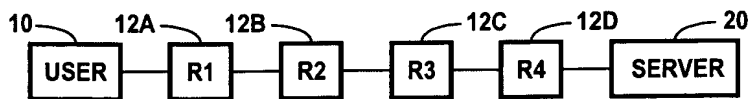


FIG. 1

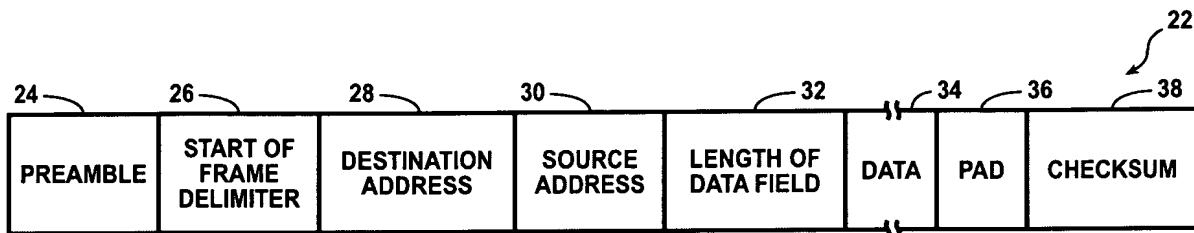


FIG. 2

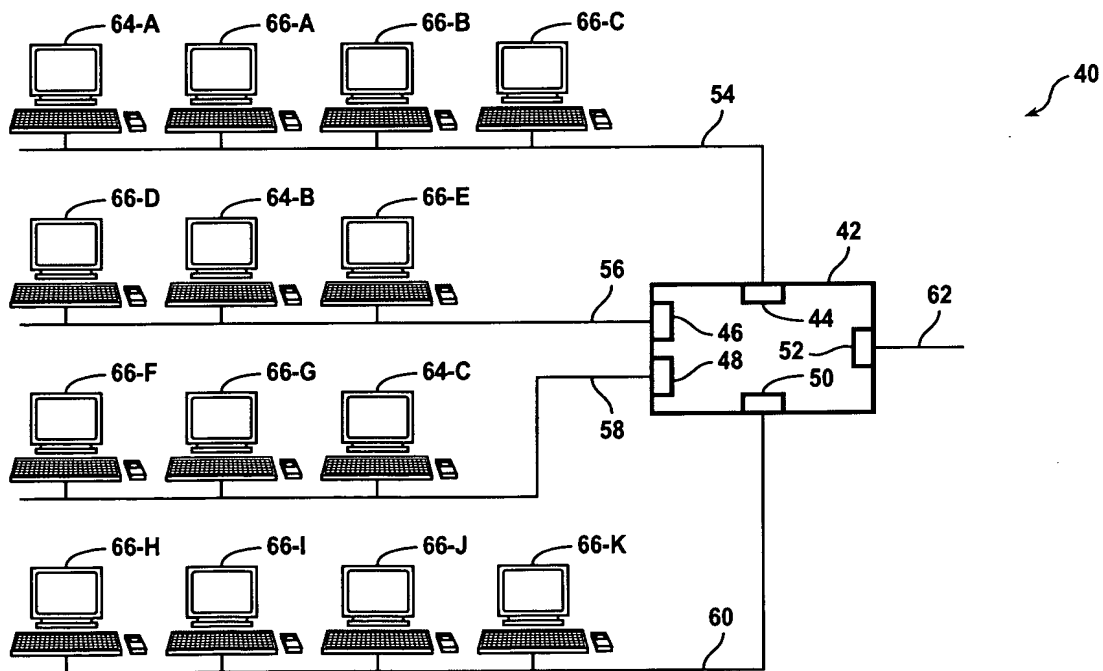


FIG. 3

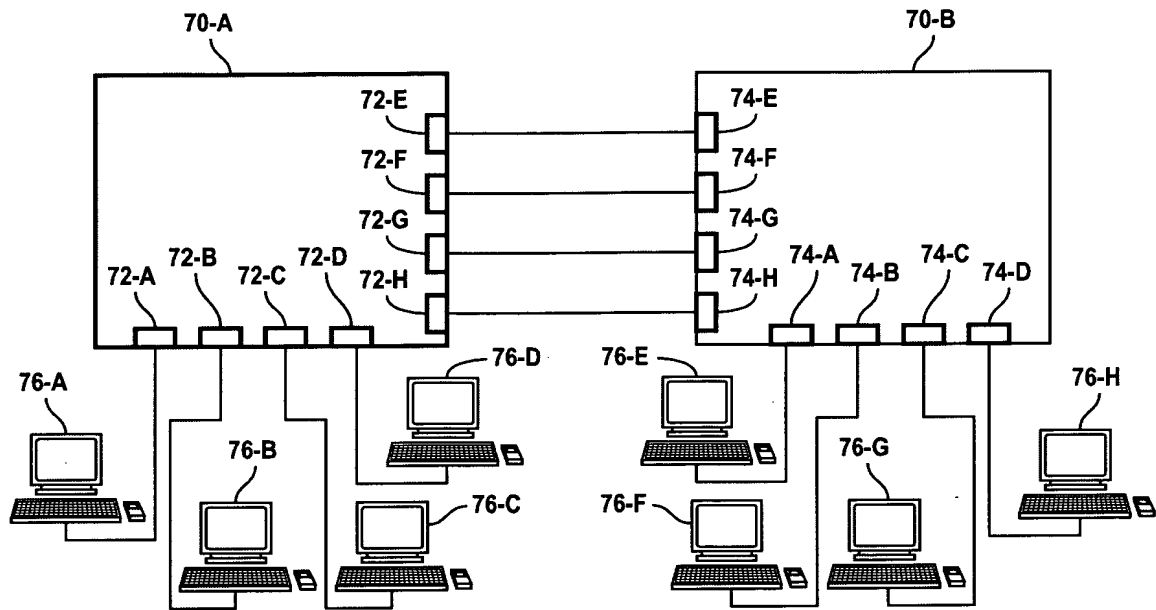


FIG. 4

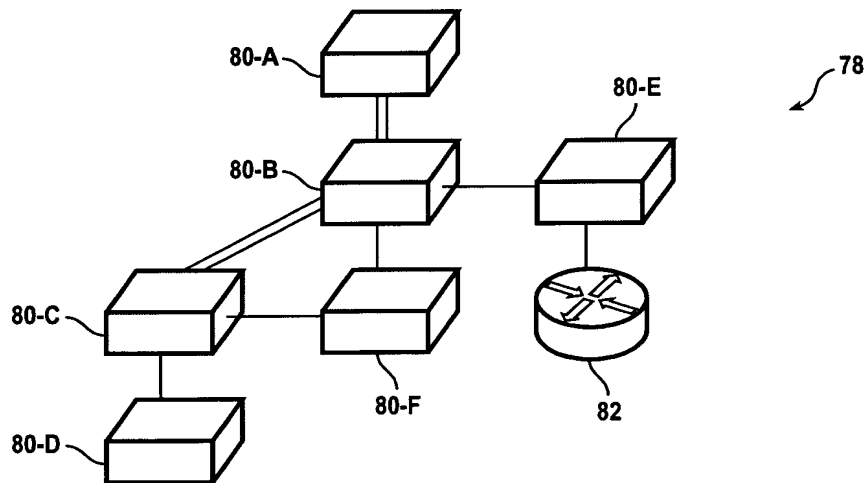


FIG. 5

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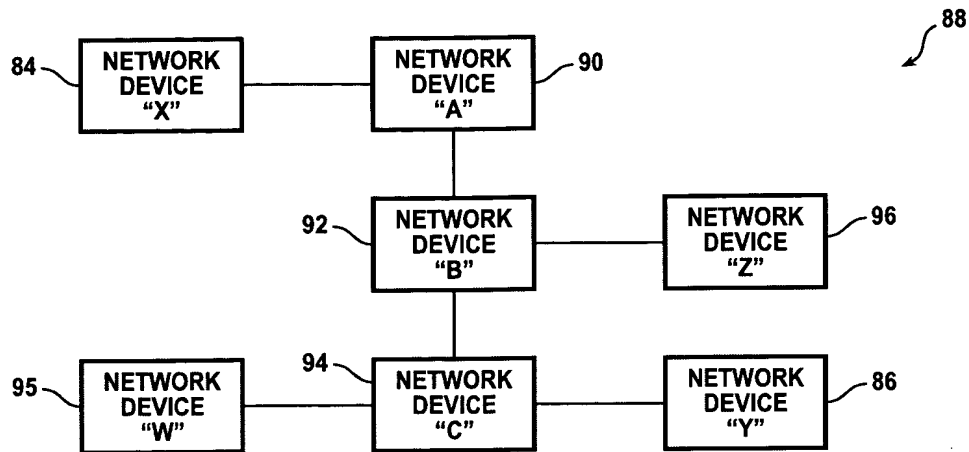


FIG. 6

Switch# show cdp neighbors

Capability Codes: R - Switch, T - Trans Bridge, B - Source Route Bridge  
S - Switch, H - Host, I - IGMP

Device ID	Local Intrfce	Holdtme	Capability	Platform	Port ID
device.domain.com	Eth 0	151	R T	AGS	Eth 0
device.domain.com	Ser 0	165	R T	AGS	Ser 3

FIG. 7

Console> (enable) show cdp neighbor 4

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge  
S - Switch, H - Host, I - IGMP, r - Repeater

Port	Device-ID	Port-ID	Platform	Capability
4/1	001905905	4/1	WS-C5000	T S
4/1	062000101 (CAT3)	9	WS-C1201	S I
4/1	069000022	8/1	WS-C5500	T S
4/1	069000040	4/2	WS-C5500	T S

Console> (enable)

FIG. 8

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router# show cdp neighbors detail

Device ID: 0080024 1EEB00 (milan-sw-1-cat9k)

Entry address(es):

IP address: 1.15.28.10

Platform: CAT5000, Capabilities: Switch

Interface: Ethernet1/0, Port ID (outgoing port): 2/7

Holdtime : 162 sec

Version :

Cisco Catalyst 5000

Duplex Mode: full

Native VLAN: 42

VTP Management Domain: 'Accounting Group'

**FIG. 9**

Console> (enable) show mac dynamic

Non-static Address Table:

Destination Address	Address Type	VLAN	Destination Port
-----	-----	----	-----
0000.0c07.ac00	Dynamic	3	FastEthernet0/1
0010.7b3b.2c82	Dynamic	3	FastEthernet0/1
0060.5cf4.0076	Dynamic	3	FastEthernet0/1
0060.b0c3.94ef	Dynamic	3	FastEthernet0/1
0090.0c71.a7fb	Dynamic	3	FastEthernet0/1
00d0.067c.e441	Dynamic	3	FastEthernet0/4

**FIG. 11B**

Console> (enable) show mac static

Static Address Table:

Destination Address	VLAN	Input Port	Output Ports
-----	----	-----	-----
0100.5e00.0128	3	Fa0/1	
	3	Fa0/4	Fa0/1
	3	Fa0/6	Fa0/1

**FIG. 11C**

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```
Console> (enable) show cdp neighbor 4 detail
Device-ID: 001905905
Device Addresses:
  IP Address: 172.16.25.140
Holdtime: 168 sec
Capabilities: TRANSPARENT_BRIDGE SWITCH
Version:
  WS-C5000 Software, Version McpSW: 2.2(4) NmpSW: 2.3(103-Eng)
  Copyright (c) 1995,1996 by Cisco Systems
Platform: WS-C5000
Port-ID (Port on Device): 4/1
Port (Our Port): 4/1
-----
Device-ID: 062000101(CAT3)
Device Addresses:
  IP Address: 172.16.25.212
Holdtime: 175 sec
Capabilities: SWITCH IGMP
Version:
  WS-C1201 Software, Version DmpSW: 4.26 MnpSW: 4.26
  Copyright (c) 1994,1995 by Cisco Systems
  DMP S/W compiled on Apr 18 1997 15:03:03
  NMP S/W compiled on Apr 18 1997 14:52:51
  System Bootstrap Version 1.1
  Hardware Version: 3.0 Model: WS-C1201 Serial #: 062000101
  1 FDDI Interface
  8 10BaseT interfaces
  4096K bytes of DRAM memory.
  1024K bytes of NMP FLASH memory.
  32K bytes of non-volatile configuration memory.
  Uptime is 8 days, 22 hours, 25 minutes
Platform: WS-C1201
Port-ID (Port on Device): 9
Port (Our Port): 4/1
Console> (enable)
```

FIG. 10

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Console> (enable) show mac raw

MAC	SMT-Address	Curr-Path	TReq	TNeg	TMax	TVX
1	00:02:d0:03:0b:58	primary	165000	10000	165004	2509
	(00:40:0b:c0:d0:1a)					
2	00:02:d0:03:0b:59	secondary	165000	10000	165004	2509
	(00:40:0b:c0:d0:9a)					

MAC	Rcv-Frms	Rcv-Smt	Rcv-llc	Tvx-Exp-Ct	RingOp-Ct	RMT-St
1	100286	91269	9017	0	94	ring-op
2	96067	91257	4810	0	59	ring-op

MAC	Xmit-Frms	Xmit-Smt	Xmit-llc	Error-Frms	Lost-Frms	Total-Frms
1	24743	9363	15380	1	2	440372753
2	9298	9298	0	0	0	440383810

MAC	Upstream-Nbr	Downstream-Nbr	Old-Upstream-Nbr	Old-Downstream-Nbr
1	00:02:d0:50:c0:f3 (00:40:0b:0a:03:cf)	00:02:d0:03:0b:59 (00:40:0b:c0:d0:9a)	10:00:04:10:8f:35 (08:00:20:08:f1:ac)	00:02:d0:50:c0:f3 (00:40:0b:0a:03:cf)
2	00:02:d0:03:0b:58 (00:40:0b:c0:d0:1a)	57:53:2d:03:00:48 (ea:ca:b4:c0:00:12)	00:00:1f:00:00:00 (00:00:f8:00:00:00)	00:02:d0:03:06:00 (00:40:0b:c0:60:00)

Last-Time-Cleared

Mon Jul 12 1999, 20:45:19

Console> (enable)

FIG. 11A

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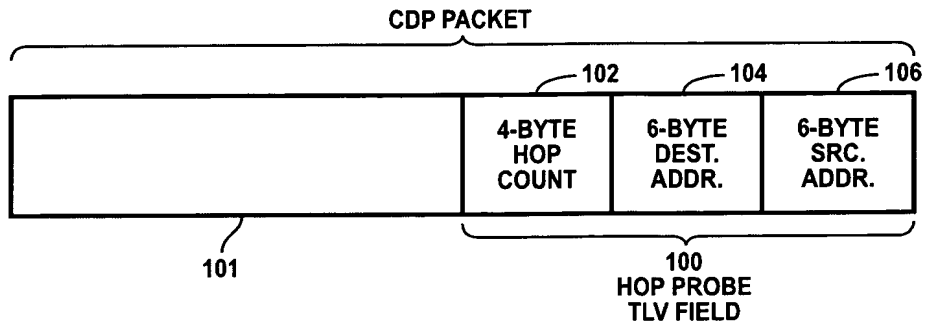


FIG. 12

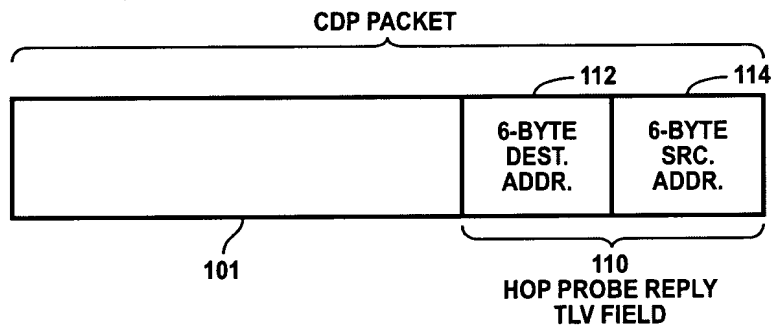


FIG. 13A

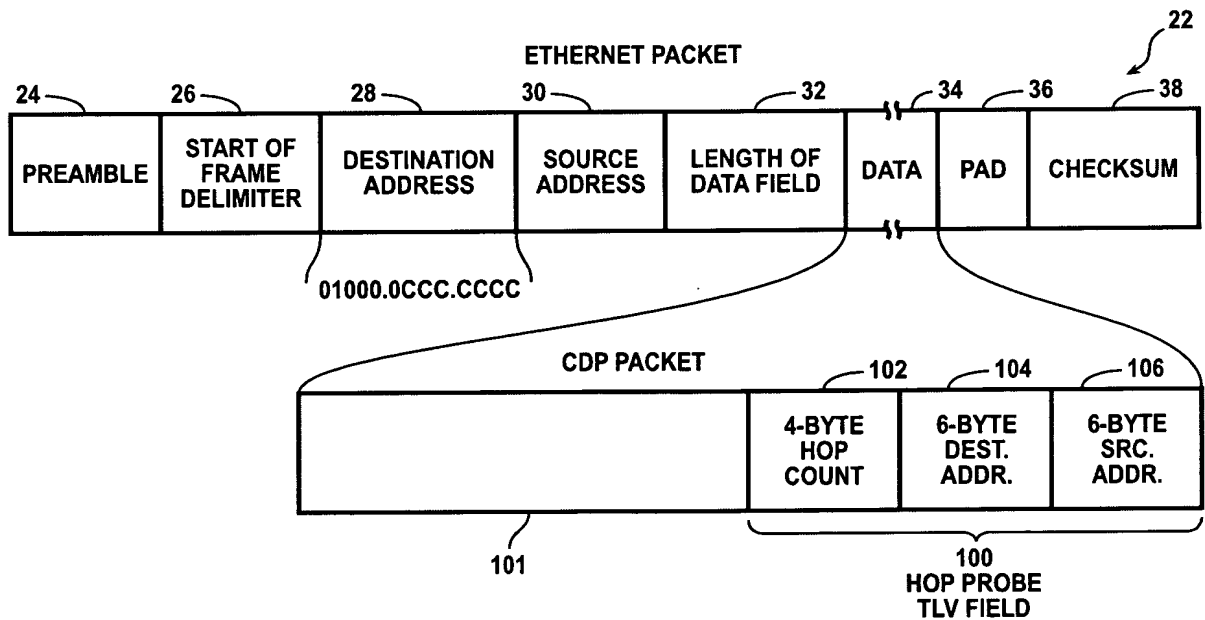
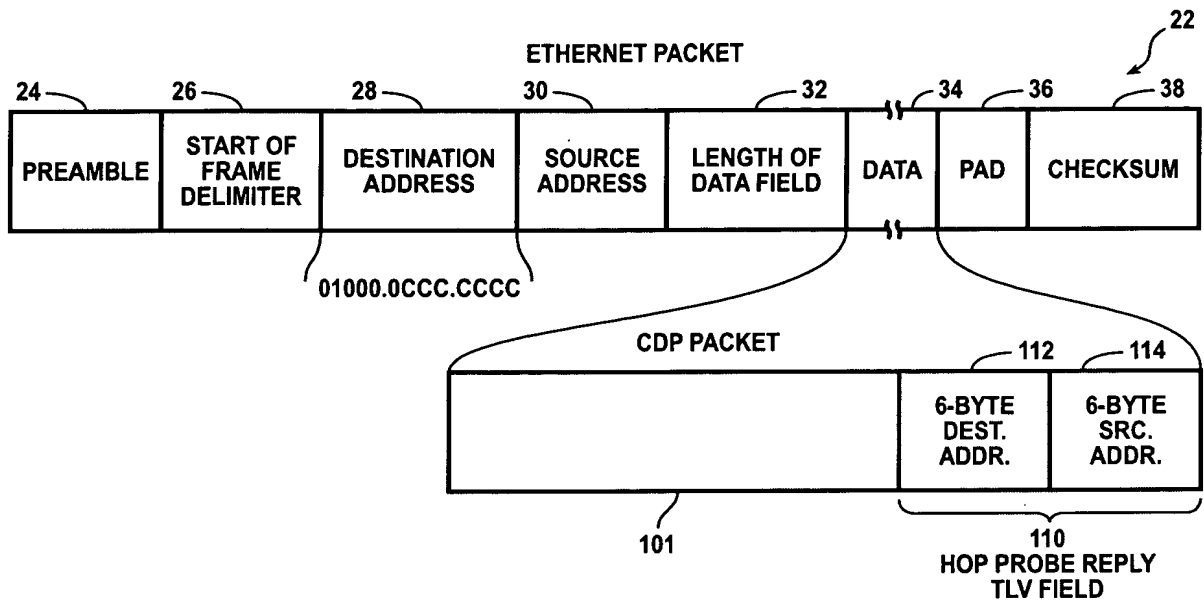
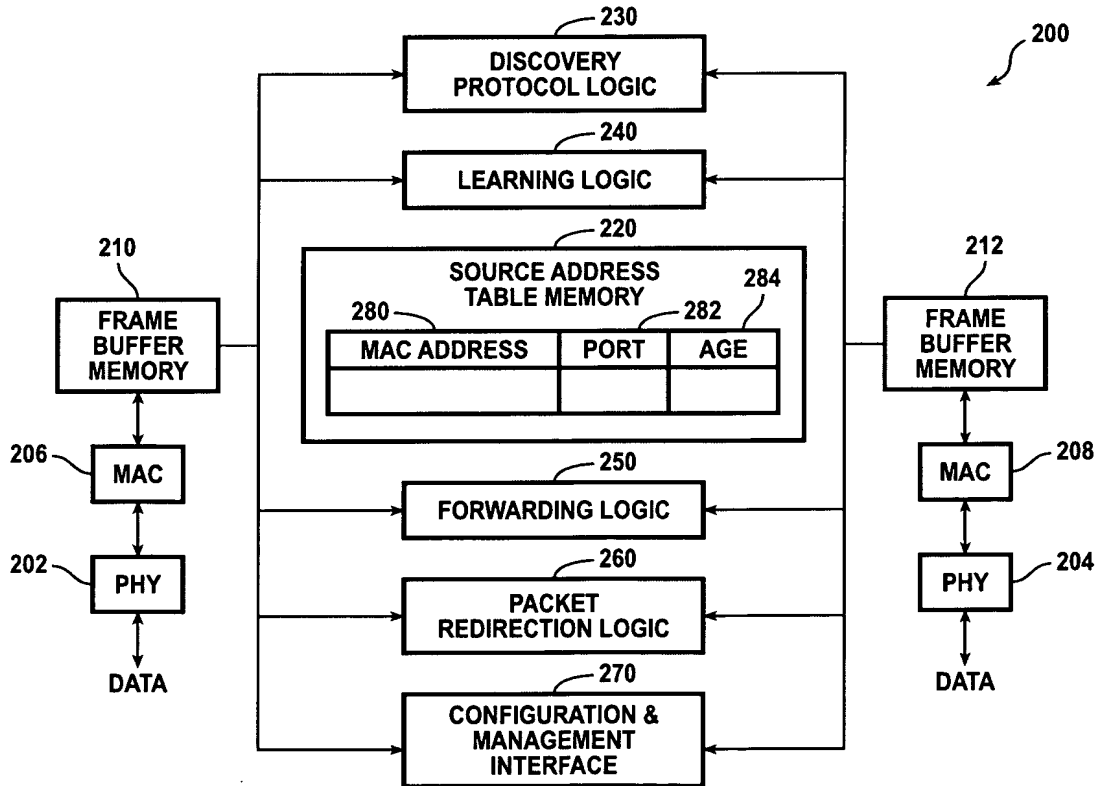


FIG. 13B

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**FIG. 13C**



**FIG. 14**



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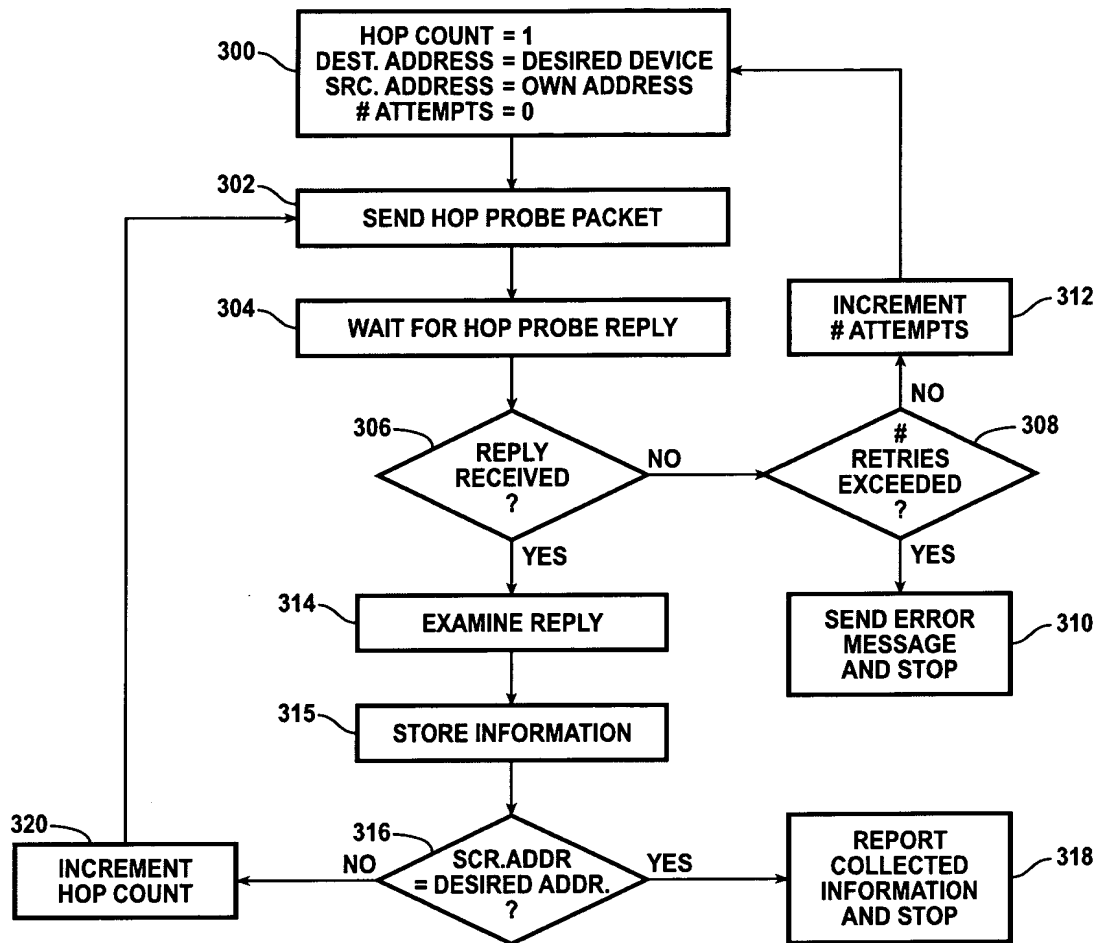


FIG. 15